

BILATERAL IMAGING APPARATUS

Abstract

An assembly of RF coils for bilateral imaging of a first and a second breast of the same person is disclosed. The assembly includes a first pair of coils having a first coil juxtaposed and underlapping a second coil, thereby defining juxtaposed edges of the first and second coils, and a second pair of coils having a third coil juxtaposed and underlapping a fourth coil, thereby defining juxtaposed edges of the third and fourth coils. The first coil has a first opening for receiving the first breast, the second coil has a second opening for receiving the second breast, the third coil substantially opposes the first coil, defining therebetween a first region for receiving the first breast, and the fourth coil substantially opposes the second coil, defining therebetween a second region for receiving the second breast.